What is claimed is:

1. A double-walled drinking vessel, comprising an outer
   vessel, a bottom cover, and an inner vessel; said
   inner vessel having an upper open end and a lower
   closed end, said upper open end of said inner vessel
   having an inner diameter larger than that of said
   lower closed end, and close to that of an upper rim
   of said outer vessel; and an outer wall surface of
   said inner vessel upward extended from said lower
   closed end to a point slightly below said upper open
   end being formed into a plurality of
   circumferentially arranged angles like a polygon.

2. The double-walled drinking vessel as claimed in claim
   1, wherein an area of said outer wall surface of said
   inner vessel between any two of said angles that are
   adjacent to each other is a curved surface.

3. The double-walled drinking vessel as claimed in claim
   1, wherein an area of said outer wall surface of said
   inner vessel between any two of said angles that are
   adjacent to each other is a straight surface.

4. The double-walled drinking vessel as claimed in claim

1, wherein said circumferentially arranged angles formed on said outer wall surface of said inner vessel have vertexes located at a common circle.

5   5. The double-walled drinking vessel as claimed in claim 1, wherein said continuous angles formed on said outer wall surface of said inner vessel have vertexes that are not located at a common circle.